

# GUILHERME DE ABREU LIMA BUITRAGO MIRANDA

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Belo Horizonte, Minas Gerais

<https://github.com/guilhermealbm>

## EDUCATION

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**Universidade Federal de Minas Gerais**

*2018 - Present*

BSc in Computer Science

**Instituto Federal de Minas Gerais - Campus Avançado Ponte Nova**

*2015 - 2017*

Computer Technician

## WORK EXPERIENCE

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**Freelance**

October 2020 - March 2021

*FullStack Developer*

- Freelancer project to manage school questions for tests
  - Development of REST API using the Spring Boot framework and Java;
  - Front-end development using ReactJS;
  - Pipeline configuration in Heroku deploy.

**Treinus**

September 2019 - October 2020

*Mobile Developer*

- Treinus is a Brazilian startup focused on connecting athletes and sports consultants
  - Mobile development for the Android platform natively, using the programming languages Kotlin and Java;
  - Experience with different architectures, such as mvvm, mvc and viper;
  - Participation in improvements to the continuous delivery pipeline, from the build to the publication of the app on the PlayStore.

**UFMG Informática Júnior**

November 2018 - April 2019

*Web Developer*

- Participation in the development of websites and systems with other collaborators using HTML, CSS, PHP and JavaScript.

**Instituto Federal de Minas Gerais**

April 2015 - December 2015

*Tutor - Introduction to Programming*

- Assistance to students in the understanding and creation of algorithms, as well as program development in Java.

## PROJECTS

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**ReportaAí**

Project that seeks to create a communication channel between citizens and cities, using concepts of computer networking and geoprocessing, as well as technologies such as Java, Python, QGIS, and PostgreSQL.

### **Automated Soil Analysis**

Creation of an assessment system using Arduino, sensors and an Android app with Bluetooth communication.

### **SmartMirror**

Configuration and customization of an open source platform - Magic Mirror - based on JavaScript.

### **National Science and Technology Week**

Development of the website of the National Science and Technology Week - IFMG Ponte Nova using technologies such as HTML, CSS, Javascript and PHP.

## **TECHNICAL STRENGTHS**

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|------------------------------|--|
| <b>Programming Languages</b> | Java, Kotlin, Python, C++, C, Javascript |
| <b>Others</b>                | SQL, Linux, Git                          |

## **AWARDS**

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Bronze Medal (2016 e 2017) and honorable mention (2011, 2012 e 2015) - OBMEP - Instituto Nacional de Matemática Pura e Aplicada, IMPA;

Silver Medal (2016) - Canguru Matemático Sem Fronteiras - Universidade de Coimbra.

## **LANGUAGES**

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|                   |          |
|-------------------|----------|
| <b>Portuguese</b> | Native   |
| <b>English</b>    | Advanced |
| <b>Spanish</b>    | Basic    |

## **COMPLEMENTARY EDUCATION**

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Jr. Scientific Initiation Program - OBMEP - Instituto Nacional de Matemática Pura e Aplicada, IMPA  
Workshop - Parallel Computing with Java Language - IFMG Ponte Nova